

#### ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY (VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

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EPA I.D. NUMBER	• WID097339600	
	PACUR INC 3555 MOSER ST OSHKOSH	WI 54901
INSTALLATION ADDRESS	3555 MOSER ST OSHKOSH	WI 54901
EPA Form 8700-128 (4-80)	08/22/85	

M 8 23/8

ORIGINAL TO WISCONSIN





Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

8-14-85-48

C. INSTALLATION'S EPA I.D. NO.

A. FIRST NOTIFICATION ORIGINAL SUBSEQUENT NOTIFICATION (complete item C)

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

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IX. DESCRIPTION OF HAZARDOUS WASTES (cont.	inued from front)		
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B, HAZARDOUS WASTES FROM SPECIFIC SOURCES. Ent		R Part 261.32 for each liste	d hazardous waste from
specific industrial sources your installation handles. Use ad-			
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C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WA	ASTES. Enter the four-digit number	from 40 CFR Part 261.33 f	or each chemical sub-
stance your installation handles which may be a hazardous			
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D. LISTED INFECTIOUS WASTES. Enter the four—digit nu hospitals, medical and research laboratories your installation	imber from 40 CFR Part 261.34 for eight handles. Use additional sheets if ne	ach listed hazardous waste freecessary.	om hospitals, veterinary
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E. CHARACTERISTICS OF NON—LISTED HAZARDOUS V hazardous wastes your installation handles. (See 40 CFR I	NASTES. Mark "X" in the boxes corr Parts 261.21 — 261.24.)	esponding to the characteris	tics of non-listed
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X. CERTIFICATION			
I certify under penalty of law that I have persona attached documents, and that based on my inquiry I believe that the submitted information is true, ac mitting false information, including the possibility o	of those individuals immediatel curate, and complete. I am awar	y responsible for obtain	ing the information,
SIGNATURE	NAME & OFFICIAL TITLE (type o	r print)	DATE SIGNED
KH Waran	Ron Johnson, Presid	ent	7-26-85

EPA Form 8709-12 (6-80) REVERSE

	<b>SEPA</b>	NOTIFICAT	ON OF HAZAF			FIVITY		ONS: If you t in the space		
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DETACH	8 P A C U R	I N C O R	PORATE	D		Ш	1111		55	
A DE	B. TYPE OF (enter the appropr	ownership riate letter into box)	VI. TYPE OF HA	ZARDOUS	VASTE A			the appropr		
	F = FEDERA M = NON-FE		57	AT/STORE/DI	SPOSE	30	W	UND INJECT		17,
	VII. MODE OF	TRANSPORTATI	ON (transporters of	nly – enter "I	K" in the a	ppropriate	box(es))		医性 生态	
	A. AIR	B. RAIL	C. HIGHWAY	□ D. W	ATER	E. OTHE	R (specify):			
- 3	VIII. FIRST OR	SUBSEQUENT N	OTIFICATION		Table 1		andous west	antivies on a	ubsequent ==	tification
	Mark "X" in the ap	propriate box to ind first notification, enti	icate whether this is y er your Installation's I	EPA I.D. Number	er in the sp	ce provided	below.	activity or a	anacheur 110	anoanon,
	e	es es	ORIGINAL	IO MIZ	LUN3		F	C. INSTALLA	TION'S EPA	I.D. NO.
		TNOTIFICATION		QUENT NOTIF	FICATION	(complete ite	em C)			
	IX. DESCRIPTION OF HAZARDOUS WASTES  Please go to the reverse of this form and provide the requested information.									

			I.D FOR OFFICIAL USE ONLY		
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IX. DESCRIPTION OF HAZARDOUS WA	STES (continued from fi	ront)			
A. HAZARDOUS WASTES FROM NON—SPECI waste from non—specific sources your installa	IFIC SOURCES. Enter the fittion handles. Use additional	our—digit number from 40 CFR sheets if necessary.	Part 261.31 for each listed hazardous		
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C. COMMERCIAL CHEMICAL PRODUCT HA stance your installation handles which may be	ZARDOUS WASTES. Enter se a hazardous waste. Use ad	the four-digit number from 40 ditional sheets if necessary.	CFR Part 261,33 for each chemical sub-		
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D. LISTED INFECTIOUS WASTES. Enter the hospitals, medical and research laboratories	e four-digit number from 40 your installation handles. Ut	CFR Part 261.34 for each listed se additional sheets if necessary.	hazardous waste from hospitals, veterinary		
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E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)					
I IGHITABLE (1000)	DEDZ. CORROSIVE	3. REACTIVE	4. TOXIC		
X. CERTIFICATION					
I certify under penalty of law that I is attached documents, and that based of I believe that the submitted information mitting false information, including the	n my inquiry of those in on is true, accurate, and	dividuals immediately respo complete. I am aware that t	nsible for obtaining the information.		
SIGNATURE		FICIAL TITLE (type or print)	DATE SIGNED		

Ron Johnson, President

7-26-85

EPA Form 8709-12 (6-80) REVERSE



## Waste, Pesticides and Toxics Division

Type of Document:	<ul> <li>□ Notice of Violation and Ins</li> <li>□ No Violation Letter and Ins</li> <li>□ Letter of Acknowledgment</li> <li>□ Information Request</li> </ul>			
Facility Name :	3555 Moser Street LLC DB	A Pacur		
Facility Location: _	3555 Moser Street		e e	_
City: Oshkosh	n "	State:	WI	
U.S. EPA ID#_WI	0 097 339 600			
Assigned Staff	W. Francis	Phone:	3-4921	
Name	Signature		Date	
W. Francis Author	w. <del>3</del>		9/16/02	
Regional Counsel				
B. Freeman Acting Section Chief	Brian P. Free	~	9/16/02	

#### **Directions/Request for Clerical Support:**

After the Section Chief signs this sheet and original letter:

- 1. Date stamp the cover letter;
- Make four copies of the contents of this folder: 2.

One copy for the assigned staff;

One copy for the section file;

One copy for the branch file; and

One copy for the official file copy.

- Make any additional copies for cc's or bcc's. 3.
- Mail the original certified mail and distribute office copies and cc's and bcc's. 4.

7001 0320 0006 1467 Once the certified mail receipt is returned:

- File the certified mail receipt (green card), with this sign-off sheet and the official file 5. copy, and take to 7th floor RCRA file room;
- E-mail staff the date that the letter was received by facility. 6.



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

SEP 18 2002

REPLY TO THE ATTENTION OF:

DE-9J

# <u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

Mr. Jim Wrycha Director of Technology/Quality Management 3555 Moser Street LLC DBA Pacur 3555 Moser Street Oshkosh, Wisconsin 54901

> Re: RCRA Compliance Inspection 3555 Moser Street LLC DBA Pacur Oshkosh, Wisconsin

WID 097 339 600

Dear Mr. Wrycha:

On August 8, 2002, United States Environmental Protection Agency (U.S. EPA) and Wisconsin Department of Natural Resources (WDNR) representatives inspected your installation located in Oshkosh, Wisconsin. The purpose of the inspection was to follow-up on a citizen complaint and evaluate compliance with certain requirements of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the generation, treatment and storage of hazardous waste. Photographs taken during the inspection are enclosed for your reference.

U.S. EPA did receive a copy of the September 12, 2002, letter that was sent to you from the WDNR. As of this writing, based upon information available to U.S. EPA and the WDNR, our review of the inspection has not resulted in the detection of violations of any of the specific RCRA requirements under evaluation. This determination does not limit the applicability of the requirements evaluated, other RCRA regulations, or regulations under other environmental statutes. U.S. EPA and WDNR will continue to evaluate your facility in the future.

However, during the inspection of the second floor Maintenance Area, the inspectors observed several boxes of used flourescent lamps which were labeled "Bad Lamps". Several of the boxes were labeled while others did not have any labeling (see enclosed photograph). 40 CFR Section 273.14(e) requires that "each lamp or a container or package in which such lamps are contained must

NF Emulsion, Aqua-Lam 444A Adhesive Polyurethane copolymer.

- 4) No DOT Placards as required by NR 610.08(1)(1);
- 5) Emergency Procedures NR 610.08(1)(w) Facility did have the necessary information posted at the nearest telephone that may be used by the emergency coordinator when responding to an emergency;
- Preparedness and Prevention Facility had familiarized local hospital and fire department
  with properties of hazardous waste handled at the facility
  and the types of illness or injury which could result from
  exposure, NR 630.21(6)(d);
- 7) Fluorescent light bulb shipments to ?. Should place burnedout bulbs in a container and place the date on the container;
- 8) Weekly Inspection Logs OK.
- 9) North Shore Environmental/Waste Management contaminated soil waste profile information.

#### Copies of Documents

- 1) 1/26/01 MSDS Rohm & Haas Adcote 536B;
- 2) 4/1/02 MSDS Rohm & Haas Aqua-Lam 444A Adhesive;
- 3) 4/6/01 Methyl Ethyl Ketone;
- 4) North Shore Environmental/Waste Management Waste Profile Sheet for silicone solution.

#### Wrap-up/Review

- 1) Should place date on containers in 180 day storage area;
- 2) Should put fl. Lamps in boxes and place date on box;
- 3) Lab satellite accumulation procedures;
- 4) Jim Wrycha will send missing manifests to WDNR in Madison;
- 5) 2 Boxes of "Burned out" fluorescent light bulbs had no label, pursuant to 40 CFR Section 273.14(e);
- 6) Facility needs to purchase a set of U.S. DOT placards, as required by NR 610.08(1)(1).
- 7) Clean solvent room floor;

#### Other Issues:

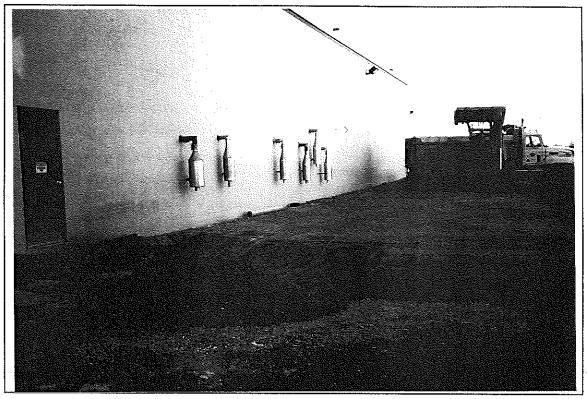
U.S. EPA distributed WDNR Hazardous Waste Manifest handout, and U.S. EPA Small Business information sheet.

Stained area outside was approximately 20 feet x 10 feet.

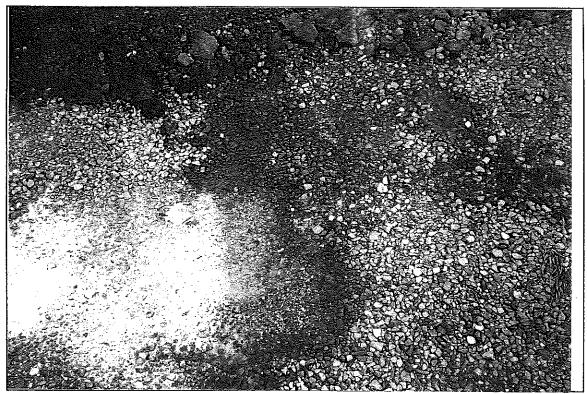
#### Discuss With Barti -

- 1) At kick-off meeting, I thought Jim mentioned that the lab generates a 1,1,1-TCA waste stream?
- 2) My notes indicated that Jim mentioned that they cleaned the rollers with Isopropyl alcohol? Or did he say the rags were an F005 waste stream from MEK?
- 3) Barti checked with RR folks?
- 4) White plastic powder behind building?

5)



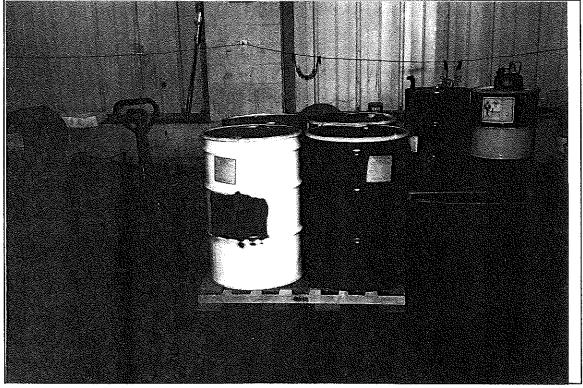
Behind "High Bay" Building - Excavation of stained soils by North Shore Environmental.



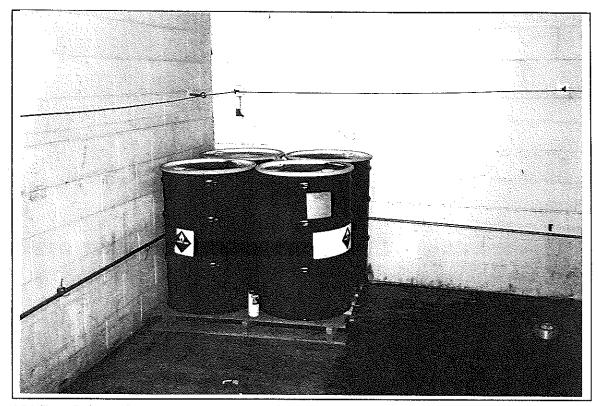
Behind "High Bay" Building - Stained area prior to excavation.



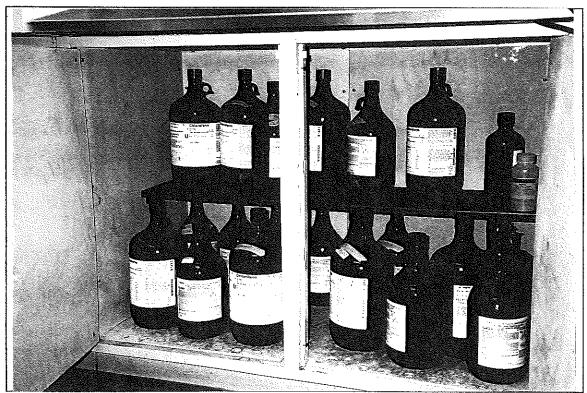
Behind "High Bay" Building - White plastic powder accumulated on ground.



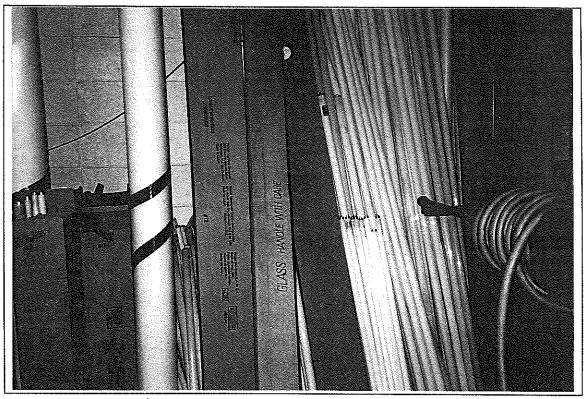
180 Day Solvent Storage Room - 3 55-gallon containers of ignitable waste adhesive D001 and 1 55-gallon container of lab waste containing chloroform D022.



180 Day Solvent Storage Room - 4 55-gallon containers of waste ethyl acetate labeled D001.



On-Site Laboratory Satellite Accumulation Area - 6 - 1-gallon bottles of waste chloroform.



Maintenance Shop, 2<sup>nd</sup> Floor - Used fluorescent light bulb accumulation area.



# Management of Waste Fluorescent Lamps and Incandescent Bulbs

Hazardous Waste Management Program
Wisconsin Department of Natural
Resources

Waste fluorescent lamps and light bulbs contain toxic heavy metals and are usually hazardous wastes. Businesses, institutions and offices should recycle their waste fluorescent lamps rather than dispose of them in landfills.

## Why are waste lamps and bulbs regulated?

Waste lamps and bulbs are regulated as hazardous wastes because they contain toxic heavy metals. If these lamps are burned or thrown into landfills, the mercury and lead in them can be released into the environment, where contamination problems may occur. Five types of lamps are of concern:

- Fluorescent lamps
- High- and Low-pressure mercury vapor lamps
- Sodium-vapor lamps
- High intensity discharge (HID) lamps
- Incandescent light bulbs

The first four lamps contain mercury in concentrations that exceed the toxicity characteristic leaching procedure's (TCLP) limit. Incandescent light bulbs contain lead at levels that exceed hazardous waste limits. (The TCLP test is a common laboratory test used to determine if solid waste contains harmful concentrations of certain pollutants.) Nearly every business, institution and government agency generates waste lamps and bulbs that could become a hazardous waste problem if not handled properly. The DNR has developed a policy encouraging lamp and bulb recycling that protects the environment while reducing the regulatory burden for managing waste lamps. This policy:

- allows waste lamp generators to safely store and recycle their lamps without strictly following hazardous waste regulations;
- does not permit businesses and other regulated groups to dispose of waste lamps and light bulbs in sanitary landfills if those waste lamps and bulbs contain heavy metals that exceed hazardous waste limits; and,
- only applies to fluorescent and other mercury-containing lamps because recycling options do not currently exist for other types of waste lamps.

#### INSPECTION REPORT

GENERAL INFORMATION:

3555 Moser Street LLC DBA Pacur, Inc. 3555 Moser Street Oshkosh, Wisconsin 54901

WID 097 339 600

Date of Inspection - August 8, 2002

U.S. EPA Inspector - Walt Francis WDNR Inspector - Barti Oumarou

Pacur Company - Jim Wrycha, Director of Technology/Quality Mangement

Owner: Ron Johnson

Type of inspection - CEI & Complaint Investigation

Description - This facility is a custom plastic sheet extruding facility, which specializes in light gauge polyester, copolyester, and polypropylene resins for in medical packaging, food packaging and graphic arts. Pacur was founded in 1977, and currently has 90 employees. Pacur generates hazardous waste from a Safety-Kleen parts washer, a D022 chloroform waste from the onsite laboratory, and a D001 waste adhesive from an on-site laminating operation. In addition, waste silicone solutions are generated which are normally disposed of down the city sewer. However, employees had been dumping the waste silicone emulsion solutions in back of the building. Facility operates 24 hours a day/7 days a week. U.S. EPA and WDNR performed an inspection at this facility because of a citizen complaint regarding dumping of waste silicone solutions behind the plant.

#### As part of the inspection we visited:

- 1) "High Bay" area of plant, plastics machine- Observed use of silcone solution in machine. Company uses Dow Corning 365 or GE 2128 for silcione solutions. Approximately 1 ½ gallons per machine. Changed out once every shift.
- 2) Excavation area behind "High Bay" building -North Shore Environmental was excavating an area approximately 20 feet by 10 feet by 1 foot depth, removing 20 tons of soil for shipment to Valley Disposal. See photographs of stained soil.
- 3) Behind "High Bay" building White plastic powder accumulated on ground (see photographs).
- 4) North side of "High Bay" building Rail car off-loading

area.

- 5) Warehouse area of plant No hazardous wastes;
- 6) Outside 180 day solvent storage room 5 gallon container of mineral spirits.
- 7) 180 Day Solvent Room 1) 3-55 gallon containers of waste adhesive D001, no date on hw label;
  - 2) Lab waste 55-gallon container of D022, no date;
  - 3) Chloroform & Phenol D022, open drum, empty!;
  - 4) Waste ethyl acetate adhesive-Four 55 gallon container labeled D001, no date (label on container Adcote 536A);
  - 5) Several empty red containers labeled Tetrahydrofuran, M-Pyrol, and MEK.
  - 6) MEK 55-gallon new solvent drum.
- 8) Maintenance Shop- Parts washer containing Safety-Kleen Premium Gold solvent, high flash. Used to clean gear boxes, etc.
- 9) Maintenance Shop 2<sup>nd</sup> Floor Used fluorescent light bulb area. Some were labeled, no dates, some not boxed.
- 10) On-site laboratory Six 1 gallon waste bottles of chloroform. Lynn Anderson, Chemist.
- 11) Supervisors Station- Noted emergency information was posted near telephone.

#### Records/Review

1) Manifests - 3/28/01 D039 shipment to Safety Kleen;

4/19/01 - 4500 pounds D001 waste isopropanol;

6/20/01 - D039

- 2) Annual Reports 1999 23,315 pounds 2000 - 15,212 pounds 2001 - 14,747 pounds
- 3) Waste analysis /MSDS Sheets -

Adcote 536B Ethyl Acetate, MEK, Dow Corning 365 Dimthicone

## **PACUR**

PACUR \*\*
3555 Moser Street
Oshkosh, WI 54901
Phone (920) 236-2888
Fax (920) 236-2882

September 30, 2002

Mr. Barti Oumarou Hazardous Waste Specialist WDNR - Oshkosh Service Center 625 County Road Y, Ste. 700 Oshkosh, WI 54901-9731



Dear Mr. Oumarou,

Thanks again for your input regarding Pacur's hazardous waste management. With regard to the remaining recommendations from the audit conducted by you and Walt Francis, we can report the following:

- 1) The white plastic dust on the west side of the high bay area has been cleaned up. Filtering media has been replaced on the unit that was allowing some dust to escape. Pacur will monitor the area and install additional dust removal equipment if the problem persists.
- 2) Sticky areas in the solvent/hazardous waste storage area have been cleaned.
- 3) The phone numbers in the Pacur Emergency Response Plan were changed on August 7, 2002.

One correction from your letter. The lab waste generated by Pacur contains chloroform, phenol, and 1,1,2,2 tetrachloroethane. We have contacted our hazardous waste disposal contractor to verify that the appropriate waste codes are being used.

Please contact me if you require any additional information.

Sincerely,

Jim Wrycha Director of Technology OCT - 2 2002

DEFT OF NATURAL RESOURCES

GSHKOSH, WISCONSIN



October 10, 2002

Donald P. Gallo, Esq. Direct Dial: 414/298-8355 dgallo@reinhartlaw.com

Mr. Walt Francis US EPA Region 5 77 W. Jackson Blvd. Chicago, IL 60604

Dear Mr. Francis:

Re: Update to August 5, 2002 Correspondence:

Citizen Complaint #195190742 Silicon Emulsion Discharge

This letter serves as an update on remedial activities conducted by Pacur in response to the above-referenced citizen complaint alleging the discharge by certain Pacur employees of dilute (2%) silicon emulsion solutions to surface soils behind the Pacur facility at 3555 Moser Street in Oshkosh, Wisconsin. As I stated in my August 5 email to you, this practice is contrary to corporate policy and Pacur has taken appropriate action with the involved employees to ensure that this practice does not occur in the future.

To determine the appropriate course of action to deal with the impacted media, we first considered whether the discharged material was a "hazardous substance". A hazardous substance, as defined in Chapter 292 of the Wisconsin Statutes, is

"any substance or combination of substances including any waste of a solid, semisolid, liquid or gaseous form which may cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or which may pose a substantial present or potential hazard to human health or the environment because of its quantity, concentration or physical, chemical or infectious characteristics".

This term "includes, but is not limited to, substances which are toxic, corrosive, flammable, irritants, strong sensitizers or explosives as determined by the department" (WDNR). If a "hazardous substance" is discharged, that "person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance shall notify the

Mr. Walt Francis October 10, 2002 Page 2

department" [Wis. Stat. 292.11(2)] and shall "take the actions necessary to restore the environment" [Wis. Stat. 292.11(3)].

We reviewed the material safety data sheet (MSDS) provided for the Dow Corning® 365, 35% Dimethicone NF Emulsion (the "Product") reportedly discharged at the Pacur facility (copy enclosed). Based on our review, the Product does not appear to meet the definition of a federal hazardous substance and therefore would not be subject to reporting requirements. This is further supported by the MSDS, which indicates that the Product is non-hazardous (by federal definition) and not subject to federal regulations.

We also reviewed the possibility of the dilute Product solution meeting the federal hazardous "waste" classification. For the excess solution to become a hazardous waste and therefore become subject to regulation, the resulting dilute solution would either have to be "characteristically" hazardous (ie. ignitable, corrosive, reactive or containing elevated organic or metal concentrations) or be specifically designated as a "listed" waste (for example, a spent halogenated solvent). This determination is made either through knowledge of the waste or through laboratory analysis.

We conducted an Internet search for "octylphenoxy polyethoxy ethanol", the only OSHA hazardous component listed on the MSDS. This compound is not included on the Agency for Toxic Substances and Disease Registry (ATSDR) database. Further, a review of a MSDS for octylphenoxy polyethoxy ethanol, Cas. No. 9036-19-5 also known as polyethylene glycol octylphenyl ether, Cas. No. 9002-93-1, found that this material, by itself, is not listed as a CERCLA hazardous substance listed in 40 CFR Part 302, Table 302.4. We contacted two local environmental laboratories to discuss possible sampling and analysis strategies for this material. The purpose of the sampling would have been to determine the concentration of the Product in a soil sample obtained from the discharge site. However, according to laboratory personnel, this compound is not one generally analyzed for by laboratories as it is reportedly not included on any regulatory list of chemicals. Therefore, in order to complete an analysis, the laboratory would have to design an appropriate criteria using an applicable compound standard. This process is both time consuming and expensive. Further, if completed, the analysis would not reveal any information about the sample except that the compound may be present and there is no regulatory compliance standard with which to compare the laboratory results.

Therefore, based on our review, the discharge of the dilute excess Product is considered a discharge of a non-hazardous waste, not unlike a release of a an inert material. However, based on the presence of stained soils in the discharge area, Pacur retained North

Mr. Walt Francis October 10, 2002 Page 3

Shore Environmental Construction, Inc. ("NSEC") to excavate and dispose of the impacted soils.

On August 7, 2002, NSEC excavated approximately 17.3 tons of stained soil/gravel from the impacted area and disposed of it at Waste Management's Valley Trail Landfill in Berlin, Wisconsin. NSEC backfilled the excavation pit with #1 crushed stone and graded to match surrounding elevations. Documents showing quantities of soil disposed of and #1 crushed stone purchased for backfilled are enclosed.

We trust that Pacur's actions in response to this citizen complaint were sufficient in addressing any potential adverse environmental impact arising from this incident. Should you require any additional information or have any questions, please contact me at (414) 298-8355.

Yours very truly,

Jonald P. Sallo

Donald P. Gallo

cc Mr. James Wrycha, Pacur

MW\888581JAM:SJA

Encs.

MAIN OFFICE: P.O. BOX 128 817 W. MAIN ST. BROWNSVILLE, WI 53006

MICHELS MATERIALS

A Division of Michels Corporation

ROWNSVILLÉ, WI 53006 BUS.: (920) 583-3132 FAX: (920) 583-4560

1126144

TICKET NO.

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## NORTHERN REGION SPECIAL WASTE MANAGEMENT DECISION

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Page: 1/7

# DOW COMING(R) 365, 35% DIMETHICONE NF EMULSION

#### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Dow Corning Corporation South Saginary Road Midland, Midland 48686 24 Hour Emergency Telephone: (517) 496-5900

Customer Service: (517) 496-6000

Product Disposal Information: (517) 496-6315

CHEMTREC: (800) 424-9300

Revision Date: 2000/03/08

MSDS No.:

Generic Description: Silicone emulsion
Physical Form: Liquid
Color: White

Odor: Characteristic odor

NFPA Profile: Health 1 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

#### 2. OSHA HAZARDOUS COMPONENTS

CAS Number

Wt %

Component Name

9036-19-5

1.0 - 5.0

Octylphenoxy polyethoxy ethanol

The above components are hazardous as defined in 29 CFR 1910.1200.

#### 3. EFFECTS OF OVEREXPOSURE

#### **Acute Effects**

Eye:

Direct contact may cause mild irritation.

Skin:

No significant irritation expected from a single short-term exposure.

Inhalation:

Irritates respiratory passages very slightly.

Oral:

Low ingestion hazard in normal use.

#### Prolonged/Repeated Exposure Effects

Skin:

Repeated or prolonged exposure may cause irritation.

Inhalation:

No known applicable information.

Oral:

Repeated ingestion or swallowing large amounts may injure internally.

#### Signs and Symptoms of Overexposure

No known applicable information.



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# DOW CORNING(R) 365, 35% DIMETHICONE NF EMULSION

#### Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

#### 4. FIRST AID MEASURES

Eye:

Immediately flush with water for 15 minutes.

Skin:

No first aid should be needed.

Inhalation:

No first aid should be needed.

Oral:

Get medical attention.

Comments:

Treat according to person's condition and specifics of exposure.

### 5. FIRE FIGHTING MEASURES

Flash Point:

> 212 °F / > 100 °C Closed Cup

Autoignition

Not determined.

Temperature:

Flammability Limits in Air: Not determined.

Extinguishing Media:

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Determine the need to evacuate or isolate the area according to your local emergency

plan.

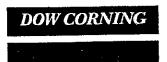
Unusual Fire Hazards:

None.

#### Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Silicon dioxide. Formaldehyde.

#### 6. ACCIDENTAL RELEASE MEASURES



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# DOW CORNING(R) 365, 35% DIMETHICONE NF EMULSION

Containment/Clean up:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state, and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills. Call Dow Corning Corporation, (517) 496-5900, if additional information is required.

#### 7. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye contact. Do not take internally.

Use reasonable care and store away from oxidizing materials.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Component Exposure Limits

There are no components with workplace exposure limits.

#### **Engineering Controls**

Local Ventilation:

None should be needed.

General Ventilation:

Recommended.

#### Personal Protective Equipment for Routine Handling

Eyes:

Use proper protection - safety glasses as a minimum.

Skin:

Washing at mealtime and end of shift is adequate.

Suitable Gloves:

No special protection needed.

Inhalation:

No respiratory protection should be needed.

Suitable Respirator:

None should be needed.



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## DOW CORNING(R) 365, 35% DIMETHICONE NF EMULSION

#### Personal Protective Equipment for Spills

Eyes:

Use proper protection - safety glasses as a minimum.

Skin:

Washing at mealtime and end of shift is adequate.

Inhalation/Suitable

No respiratory protection should be needed.

Respirator:

Precautionary Measures: Avoid eye contact. Do not take internally. Use reasonable care.

Comments:

None.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid

Color: White

Odor: Characteristic odor

Specific Gravity @ 25°C: 0.99

Viscosity: 350 cSt

Freezing/Melting Point: Not determined.

Boiling Point: > 35C/95F

Vapor Pressure @ 25°C: Not determined.

Vapor Density: Not determined. Solubility in Water: Not determined.

pH: Not determined.

Volatile Content: Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Coming before writing specifications.

#### 10. STABILITY AND REACTIVITY

Chemical Stability:

Stable.

Hazardous

Hazardous polymerization will not occur.

Polymerization:

Conditions to Avoid:

None.

Materials to Avoid:

Oxidizing material can cause a reaction.

#### 11. TOXICOLOGICAL INFORMATION

#### **Acute Toxicology Data for Product**

Complete information is not yet available.

#### Component Toxicology Information



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## DOW CORNING(R) 365, 35% DIMETHICONE NF EMULSION

No known applicable information.

#### Special Hazard Information on Components

No known applicable information.

#### 12. ECOLOGICAL INFORMATION

#### **Environmental Fate and Distribution**

No specific information is available.

#### **Environmental Effects**

No specific information is available.

#### Fate and Effects in Waste Water Treatment Plants

No specific information is available.

**Ecotoxicity Classification Criteria** 

Hazard Parameters (LC50 or EC50)	<u>High</u>	<u>Medium</u>	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

#### 13. DISPOSAL CONSIDERATIONS

#### RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.

Call Dow Corning Corporate Environmental Management, (517) 496-6315, if additional information is required.



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# DOW CORNING(R) 365, 35% DIMETHICONE NF EMULSION

#### 14. TRANSPORT INFORMATION

#### **DOT Road Shipment Information (49 CFR 172.101)**

Not subject to DOT.

#### Ocean Shipment (IMDG)

Not subject to IMDG code.

#### Air Shipment (ICAO)

Not subject to ICAO regulations.

Call Dow Corning Transporation, (517) 496-8577, if additional information is required.

#### 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

#### **EPA SARA Title III Chemical Listings**

#### Section 302 Extremely Hazardous Substances:

None.

#### Section 304 CERCLA Hazardous Substances:

None.

#### Section 312 Hazard Class:

Acute: No Chronic: No Fire: No Pressure: No

Reactive: No

#### Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

#### Supplemental State Compliance Information

#### California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.





DOV CORNING(R) 365, 35% DIMETHICONE NF EMULSION

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None kno. wn.

#### Massachusetts

No

nt regulated by MA Right-to-Know Law present.

New Jest, sey

CAS Number	<u>Wt %</u>	Component Name
7732-18-5 63148-62-9 9036-19-5 57-55-6 9005-64-5	40.0 - 70.0 30.0 - 60.0 1.0 - 5.0 1.0 - 5.0 1.0 - 5.0	Water Polydimethylsiloxane Octylphenoxy polyethoxy ethanol Propylene glycol Polyethylene glycol sorbitan monolaurate
Pennsylvania		
CAS Number	Wt %	Component Name
7732-18-5 63148-62-9 57-55-6	40.0 - 70.0 30.0 - 60.0 1.0 - 5.0	Water Polydimethyisiloxane 1,2-Propanediol

#### 16. OTHER INFORMATION

Prepared by: Dow Coming Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

(R) indicates Registered Trademark



DO\V C'ORNING(R) 365, 35% DIMETHICONE NF EMULSION

Page: 7/7

None kno. wn.

#### Massachusetts

No

it regulated by MA Right-to-Know Law present.

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CAS Number	<u>Wt %</u>	Component Name
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CAS Number	<u>Wt %</u>	Component Name
7732-18-5 63148-62-9 57-55-6	40.0 - 70.0 30.0 - 60.0 1.0 - 5.0	Water Polydimethylsiloxane 1,2-Propanediol

#### 16. OTHER INFORMATION

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